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P R O C E E D I N G S

OF THE

AMERICAN PHILOSOPHICAL SOCIETY.

VOL. IX.

JANUARY, 1863.

No. 69.

Stated Meeting, January 2, 1863.

Present, fourteen members.

Dr. Wood, President, in the Chair.

Letters acknowledging the receipt of publications were received from the American Oriental Society, dated December 27th, and from the Smithsonian Institution, dated April 25th, 1862.

A letter was received from M. d'Hericourt, dated Rue Royer-Collard, No. 9, Paris, December 15th, respecting reviews.

Donations for the Library were received from the British Association, the Royal Astronomical, Royal Geographical and Geological Societies, and Society of Arts in London, the Historical and Literary Society in Quebec, the Academies at Boston and Philadelphia, Dr. George B. Wood, Dr. Edward Jarvis of Dorchester, and Thomas E. Blackwell, Esq., of London.

The death of Col. Charles Ellet, at Cairo, Illinois, June 21st, 1862, a member of the Society, was announced by the Secretary.

Dr. Wood, the President, presented to the Society a mar-

ble bust of Franklin, on a cylindrical pedestal of dark scagliola. Dr. Wood gave the order to an artist of Florence, M. Manconi, to execute this life-size reduction in marble of a colossal plaster bust of Franklin, in the private collection of Mr. Packingham in Florence, which was ascribed to Houdon.

On motion of Prof. Cresson, the thanks of the Society were presented to Dr. Wood, for his munificent donation.

The judges and clerks of the election reported the appointment of the following officers :

President.

George B. Wood.

Vice-Presidents.

John C. Cresson,
Isaac Lea,
George Sharswood.

Secretaries.

Charles B. Trego,
E. Otis Kendall,
John L. Le Conte,
Peter Lesley.

Counsellors for Three Years.

Frederick Fraley,
Robert Patterson,
Daniel R. Goodwin,
William Parker Foulke.

Curators.

Franklin Peale,
Elias Durand,
Joseph Carson.

Treasurer.

Charles B. Trego.

On motion of Mr. Fraley, Prof. Lesley was nominated Librarian for the ensuing year.

Pending nominations Nos. 465 to 480, and new nominations Nos. 481, 482, were read.

On motion of the Librarian, the Zoological Society at Frankfort, and the University of Bonn were ordered to be placed on the list of correspondents to receive the Proceedings, and the Observatory of Prague, and the Geological Bureau of the Government of India, to receive the Transactions and Proceedings,—the former as complete a set as possible, in exchange for their Observations.

Prof. Cresson referred to a previous discussion on electrical phenomena, and described in his opinion the best method of regarding the inductive agency of electricity, in preparing its own path before it.

Dr. Wood described a new steam boiler exhibited in England by its inventor, Mr. Harrison, of Philadelphia, who has overcome, as he supposes, the difficulties which were encountered when the boiler was first tried in the workshops of the Messrs. Sellers, of Philadelphia, a year or two ago. The boiler is made up of numerous hollow cast-iron dumb bells, and can be taken to pieces for transportation over difficult ground. It has stood 400 pounds of pressure to the inch.

The Society was then adjourned.

Stated Meeting, January 16, 1863.

Present, eighteen members.

Dr. WOOD, President, in the Chair.

Letters acknowledging publications received were read from Sir John Herschel, Collingwood, December 2d; the Royal Horticultural Society, South Kensington, W., December 10th; the Admiralty, November 29th; the Natural History Society of Northumberland, Newcastle, December 11th, and the Royal Society, Göttingen, October 15th, 1862.